

CHECKLIST ENVIRONMENTAL ASSESSMENT	
Project Name: Installation of Dry Prairie Westby Water Mainline	Proposed Implementation Date: Fall 2019
Proponent: Dry Prairie Rural Water Authority, PO Box 577, Culbertson, MT 59218	
Type and Purpose of Action: The proponent proposes to install a water pipeline along State Highway 5 for water transmission to the community of Westby.	
Location: Sec. 36, Twp. 36N, Rge. 57E	County: Sheridan

I. PROJECT DEVELOPMENT	
1. PUBLIC INVOLVEMENT, AGENCIES, GROUPS OR INDIVIDUALS CONTACTED: Provide a brief chronology of the scoping and ongoing involvement for this project.	Jan Vogel of DGR Engineering, a contractor for the proponent, submitted an application for ROW for the pipeline across School Trust land. After discussing placement of the line and communication with Montana Dept. of Transportation (MDT) regarding their ROW in the same area, the project was reviewed by Glasgow Unit staff.
2. OTHER GOVERNMENTAL AGENCIES WITH JURISDICTION, LIST OF PERMITS NEEDED:	No other governmental agencies have jurisdiction over this project as it pertains to School Trust lands. Montana DNRC, Real Estate Management Bureau has jurisdiction over the project.
3. ALTERNATIVES CONSIDERED:	Action Alternative: Grant permission to the proponent to install a water pipeline across School Trust land. No Action Alternative: Deny permission to proponent to install a water pipeline across School Trust land.

II. IMPACTS ON THE PHYSICAL ENVIRONMENT	
RESOURCE	POTENTIAL IMPACTS

II. IMPACTS ON THE PHYSICAL ENVIRONMENT

4. GEOLOGY AND SOIL QUALITY, STABILITY AND MOISTURE: Are fragile, compatible or unstable soils present? Are there unusual geologic features? Are there special reclamation considerations?

The area of impact consists of various silty loam soils that are common throughout the general area. However, none of these soils are fragile or unstable, and no unusual geologic features are present.

Action Alternative: There will be temporary soil disturbance due to the digging (knifing) required to install the line underground. This disturbance is relatively shallow and does not remove/displace any soil. Slight soil compaction would occur due to temporarily increased vehicle use.

No Action Alternative: Under this alternative there will be no changes to soils on the School Trust land.

5. WATER QUALITY, QUANTITY AND DISTRIBUTION: Are important surface or groundwater resources present? Is there potential for violation of ambient water quality standards, drinking water maximum contaminant levels, or degradation of water quality?

There are no important water resources present within the area of impact. There is no potential for impact on drinking water in the area.

Action Alternative: The proposed project would not negatively impact the quality, quantity and distribution of water.

No Action Alternative: Under this alternative, there will be no impacts to water quality, quantity and distribution.

6. AIR QUALITY: Will pollutants or particulate be produced? Is the project influenced by air quality regulations or zones (Class I airshed)?

This project is not influenced by any air quality regulations or zones. A short-term increase in vehicle traffic will result in a slight increase in dust. No pollutants will be produced.

Action Alternative: This type of project on the School Trust land will have minimal impact to the air quality. Some dust may occur due to vehicle use.

No Action Alternative: Under this

II. IMPACTS ON THE PHYSICAL ENVIRONMENT	
	alternative there will be no impacts to air quality.
7. VEGETATION COVER, QUANTITY AND QUALITY: Will vegetative communities be permanently altered? Are any rare plants or cover types present?	<p>The acreage within the area of impact consists of native rangeland plants. No rare plants or cover types are present.</p> <p>Action Alternative: The distribution line would have no impact on the vegetative community due to the knifing process used to install the line.</p> <p>No Action Alternative: Under this alternative there will be no impacts to the plant communities on the School Trust land.</p>
8. TERRESTRIAL, AVIAN AND AQUATIC LIFE AND HABITATS: Is there substantial use of the area by important wildlife, birds or fish?	<p>The School Trust land provides habitat for upland birds, antelope and deer. There is good potential for recreation (hunting) on this tract due to ease of access from the state highway.</p> <p>Action Alternative: Any impacts due to installation of the line will be very short-term and will be mitigated quickly with the return to normal management practices.</p> <p>No Action Alternative: Under this alternative there will be no impacts to the possible use of the School Trust land as wildlife habitat.</p>
9. UNIQUE, ENDANGERED, FRAGILE OR LIMITED ENVIRONMENTAL RESOURCES: Are any federally listed threatened or endangered species or identified habitat present? Any wetlands? Sensitive Species or Species of special concern?	<p>The area of impact does not consist of any sensitive or specially identified habitat. No wetlands are within the area of impact. The following species of concern are listed as being at least seasonally present within the area of impact: Hoary Bat, Little Brown Myotis, Preble's Shrew, LeConte's Sparrow, Nelson's Sparrow, Sprague's Pipit, Baird's Sparrow, Piping Plover, Bobolink, Whooping Crane, Smooth Greensnake, Ottoe Skipper.</p> <p>Action Alternative: Any impacts due</p>

II. IMPACTS ON THE PHYSICAL ENVIRONMENT

	<p>to installation of the line will be small-scale, short-term and mitigated quickly with the return to normal agricultural management practices.</p> <p>No Action Alternative: Under this alternative there will be no impacts to the environmental resources.</p>
10. HISTORICAL AND ARCHAEOLOGICAL SITES: Are any historical, archaeological or paleontological resources present?	<p>There are multiple archaeological sites throughout this tract, so a cultural resources survey was requested of the proponent. This survey was performed by Ethnoscience Inc. and the results were provided to an archaeologist with the Bureau of Reclamation, who in turn sent a consultation letter to the Montana State Historic Preservation Office (SHPO). The cultural survey performed by Ethnoscience did not identify any cultural artifacts across the State Land in the area of the requested easement.</p> <p>Action Alternative: The proposed project will have no impact on historical, archaeological or paleontological resources.</p> <p>No Action Alternative: There will be no impact to historical or archaeological sites under this alternative.</p>
11. AESTHETICS: Is the project on a prominent topographic feature? Will it be visible from populated or scenic areas? Will there be excessive noise or light?	<p>The proposed project is directly adjacent to a state highway, so the installation of the line will be readily visible to the public. After installation, however, there will be very few lasting visible signs of the project. The project is in a relatively sparsely-populated area.</p> <p>Action Alternative: An underground line in this area will not alter the aesthetics at all.</p> <p>No Action Alternative: Under this alternative there will be no impacts to aesthetics associated with the</p>

II. IMPACTS ON THE PHYSICAL ENVIRONMENT	
	School Trust land.
12. DEMANDS ON ENVIRONMENTAL RESOURCES OF LAND, WATER, AIR OR ENERGY: Will the project use resources that are limited in the area? Are there other activities nearby that will affect the project?	<p>Environmental resources in the area are not specifically limited and are not affected by the proposed project. No nearby activities will affect the project.</p> <p>Action Alternative: The proposed project will place no additional demands on any environmental resources in the area.</p> <p>No Action Alternative: Under this alternative there will be no demands placed on environmental resources of land, water, air or energy.</p>
13. OTHER ENVIRONMENTAL DOCUMENTS PERTINENT TO THE AREA: Are there other studies, plans or projects on this tract?	<p>The proponent plans to install the water pipeline in conjunction with construction efforts of MDT to widen State Highway 5, which they have received an easement for previously from the DNRC.</p> <p>Action Alternative: This project will not impact any other plans or studies that Montana Department of Natural Resources and Conservation has on the School Trust land.</p> <p>No Action Alternative: Under this alternative there will be no impacts to the plans or studies that Montana Department of Natural Resources and Conservation has on the School Trust land.</p>

III. IMPACTS ON THE HUMAN POPULATION	
RESOURCE	POTENTIAL IMPACTS AND MITIGATION MEASURES
14. HUMAN HEALTH AND SAFETY: Will this project add to health and safety risks in the area?	<p>The operation and movement of heavy equipment and vehicles has inherent risks that are not impacted by access across the School Trust land.</p> <p>Action Alternative: The installation</p>

	<p>of the line would slightly increase the risk of fire during the project due to increased vehicle traffic.</p> <p>No Action Alternative: Under this alternative there will be no impacts to human health or safety.</p>
<p>15. INDUSTRIAL, COMMERCIAL AND AGRICULTURAL ACTIVITIES AND PRODUCTION: Will the project add to or alter these activities?</p>	<p>The area of impact is managed for seasonal livestock grazing.</p> <p>Action Alternative: Any short-term disturbance to vegetation on the tract would be too small to have a measurable economic impact on the agricultural activities on this tract.</p> <p>No Action Alternative: Under this alternative there will be no impacts to agricultural activities on the School Trust land.</p>
<p>16. QUANTITY AND DISTRIBUTION OF EMPLOYMENT: Will the project create, move or eliminate jobs? If so, estimated number.</p>	<p>Action Alternative: The project will not create nor impact any jobs in the area.</p> <p>No Action Alternative: There will be no impacts to quantity and distribution of employment under this alternative.</p>
<p>17. LOCAL AND STATE TAX BASE AND TAX REVENUES: Will the project create or eliminate tax revenue?</p>	<p>Action Alternative: The project will have no impacts on the local and state tax base and tax revenues.</p> <p>No Action Alternative: There will be no impacts to the local and state tax base under this alternative.</p>
<p>18. DEMAND FOR GOVERNMENT SERVICES: Will substantial traffic be added to existing roads? Will other services (fire protection, police, schools, etc) be needed?</p>	<p>Action Alternative: The project will increase vehicle traffic in the area during installation. There would be no additional demand for governmental services.</p> <p>No Action Alternative: Under this alternative there will be no additional demand for government services.</p>
<p>19. LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS: Are there State,</p>	<p>There are no special management plans in effect on the School Trust lands.</p>

County, City, USFS, BLM, Tribal, etc. zoning or management plans in effect?	<p>They are managed for typical agricultural activities.</p> <p>Action Alternative: The project has cleared State (DNRC) management plans.</p> <p>No Action Alternative: Under this alternative there will be no impacts to locally adopted environmental plans and goals.</p>
20. ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES: Are wilderness or recreational areas nearby or accessed through this tract? Is there recreational potential within the tract?	<p>This tract is readily accessible from the state highway, and this project would have no impact on that access.</p> <p>Action Alternative: No changes to public land access or recreational potential will occur.</p> <p>No Action Alternative: There will be no impacts to the recreational values associated with the School Trust land under this alternative.</p>
21. DENSITY AND DISTRIBUTION OF POPULATION AND HOUSING: Will the project add to the population and require additional housing?	<p>Action Alternative: The project will not impact the density and distribution of population and housing.</p> <p>No Action Alternative: There will be no impacts to the density and distribution of population and housing.</p>
22. SOCIAL STRUCTURES AND MORES: Is some disruption of native or traditional lifestyles or communities possible?	<p>Action Alternative: The project will enhance electric power distribution for residents in the surrounding area.</p> <p>No Action Alternative: There will be no impacts to the social structures under this alternative.</p>
23. CULTURAL UNIQUENESS AND DIVERSITY: Will the action cause a shift in some unique quality of the area?	<p>Action Alternative: The project will not impact the cultural uniqueness and diversity of this rural area.</p> <p>No Action Alternative: There will be no impacts to the cultural uniqueness and diversity under this alternative.</p>
24. OTHER APPROPRIATE SOCIAL AND ECONOMIC CIRCUMSTANCES:	<p>This project is intended to enhance the ability of Dry Prairie Rural Water</p>

	<p>Authority to provide clean drinking water to the surrounding area/communities. This is a very rural area with relatively limited water distribution currently.</p> <p>Action Alternative: Allowing installation of the line across School Trust land would have little economic impact to the School Trust but would provide surrounding communities with enhanced water distribution and service.</p> <p>No Action Alternative: There will be no impacts to the social and economic circumstances under this alternative.</p>
--	---

EA Checklist Prepared By: s/Jack Medlicott Date: 11/15/19
Jack Medlicott, Land Use Specialist

IV. FINDING	
25. ALTERNATIVE SELECTED:	Action Alternative
26. SIGNIFICANCE OF POTENTIAL IMPACTS:	No significant impacts anticipated.
27. Need for Further Environmental Analysis: <input type="checkbox"/> EIS <input type="checkbox"/> More Detailed EA <input checked="" type="checkbox"/> No Further Analysis	

EA Checklist Approved By: Matthew Poole Glasgow Unit Manager
Name Title

s/Matthew Poole\s Date: November 19, 2019
Signature